Mikhail Lotvin and Richard Michael Nemes

WE CLAIM:

1. A computer-implemented method comprising:

storing at least one acquisition specification comprising data represented by a scripting language;

5      electronically receiving and storing at least one offering specification, and

electronically testing the acquisition specifications against the offering specifications for satisfiability.

2. The method of claim 1 wherein the step of electronically receiving comprises
10   communication over the Internet.

3. The method of claim 1 wherein the at least one offering specification comprises data represented by a scripting languages.

15   4. The method of claim 1 wherein the storing the at least one acquisition specification is on a personal page assigned to a user providing the acquisition specification.

5. The method of claim 4 wherein the offering specification is received at the location where the personal page with at least one acquisition specification is stored.

20

6. The method of claim 2 wherein the testing acquisition specifications against offering specifications for satisfiability uses a compatibility dictionary.

7. The method of claim 2 wherein the acquisition specification comprises data related to at least
25   one advertisement.

8. The method of claim 4 wherein the personal page communicates with Global Positioning System.

30   9. The method of claim 4 wherein voice recognition software is associated with the personal page and the acquisition specification is provided using voice input.

10. The method of claim 4 wherein the acquisition specification is provided to the personal page using wireless communication.

11. A computer-implemented method comprising:

electronically providing to a first user to obtain a deal identifier;

receiving from the first user a first electronic contract and the deal identifier;

electronically providing a second user with the deal identifier;

receiving from the second user a second electronic contract and the deal identifier; and

determining if the transmitted first and second contracts are compatible;

12. A computer-implemented method comprising:

electronically indexing using at least one index value into a compatibility dictionary; and

electronically extracting a compatibility designation based on the at least one index value.

13. A computer-implemented method comprising:

storing a telephone service logic program on a personal page accessible over the Internet; and

electronically providing information encoded in the service logic programs to at least one computer controlling telephone service so as to enable the at least one computer controlling telephone service to control telephone service in accordance with the service logic program.

14. The method of claim 13 wherein the at least one computer controlling telephone service is a telephone company computer.

15. The method of claim 13 wherein the at least one computer controlling telephone service is users' local computers.

16. A computer-implemented method comprising:

    electronically enabling a user to create location sensitive trigger events;

    electronically enabling users' software to access global positioning system data; and

    electronically enabling triggering of location sensitive trigger events based on global positioning system data.

17. A computer method comprising:

    enabling a user to enter purchasing requirements in a memory space accessible over the Internet and assigned to the user;

    receiving over the Internet vendor's information associated with goods or services available from the vendor;

    comparing the received vendor's information to the stored purchasing requirements of the user; and

    completing a transaction if the step of comparing indicated that the vendor's information meets the purchasing requirements.

18. The method of claim 17 further comprising storing statements expressed in a high level language so as to represent the purchasing requirements.

19. The method of claim 18 wherein the high level language includes an If statement.

20. The method of claim 18 further comprising processing the high level language so as to represent the purchasing requirements as lower level representation.

21. The method of claim 20 wherein the low level representation includes one or more forms.

22 The system of claim 21 wherein voice recognition software is stored in connection with the memory space accessible over the Internet and assigned to the user, wherein the voice recognition software is adjusted to recognize user's voice input.

23. A computer system comprising:

memory storing at least one acquisition specification comprising data represented by a scripting language;

means for electronically receiving and storing at least one offering specification; and

5 means for electronically testing the acquisition specifications against the offering specifications for satisfiability.

24.. The system of claim 23 wherein the means for electronically receiving comprises means for communication over the Internet.

10

25. The system of claim 24 wherein the at least one offering specification comprises data represented by a scripting languages.

26. A compute system comprising:

15 means for enabling a user to enter purchasing requirements in a memory space accessible over the Internet and assigned to the user;

means for receiving over the Internet vendor's information associated with goods or services available from the vendor;

means for comparing the received vendor's information to the stored purchasing

20 requirements of the user; and

means for completing a transaction if the step of comparing indicated that the vendor's information meets the purchasing requirements.

27. The system of claim 26 wherein the purchasing requirements are expressed in a high level

25 language.

28. The system of claim 27 further comprising mens for processing the high level language so as to represent the purchasing requirements as lower level representation.

30 29. The method of claim 28 wherein the low level representation includes one or more forms.

30. The system of claim 29 wherein voice recognition software is stored in connection with the memory space accessible over the Internet and assigned to the user, wherein the voice recognition software is adjusted to recognize user's voice input.

5  31. A computer system comprising:

means for electronically providing to a first user to obtain a deal identifier;

means for receiving from the first user a first electronic contract and the deal identifier;

means for electronically providing a second user with the deal identifier;

10  means for receiving from the second user a second electronic contract and the deal identifier; and

means for determining if the transmitted first and second contracts are compatible.

15  32. A computer system comprising:

means for electronically indexing using at least one index value into a compatibility dictionary; and

means for electronically extracting a compatibility designation based on the at least one index value.

20

33. A computer system comprising:

memory storing a telephone service logic program on a personal page accessible over the Internet; and

means for electronically providing information encoded in the service logic

25  programs to at least one computer controlling telephone service so as to enable the at least one computer controlling telephone service to control telephone service in accordance with the service logic program.  .

34. The system of claim 33 wherein the at least one computer controlling telephone service is

30  a telephone company computer.

35. The method of claim 33 wherein the at least one computer controlling telephone service is users' local computers.

36. A computer system comprising:

5     means for electronically enabling a user to create location sensitive trigger events;

means for electronically enabling users' software to access global positioning system data; and

means for electronically enabling triggering of location sensitive trigger events 10     based on global positioning system data.